

PROJECT TITLE : New Material Development  
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### 1. Tipping paper

#### 1.1 Micromechanically perforated tipping paper

Five bobbins with the following porosities: 30, 40, 54, 382 and 602 l/h/4 cm were received from Ecusta. Cigarette samples were made of qualities 54, 382 and 602 l/h/4 cm. The results on dilution and smoke analyses have not been received.

#### 1.2 Modified tipping paper Benkert Z4/90

Cigarettes from Munich are still expected.

### 2. Cigarette paper

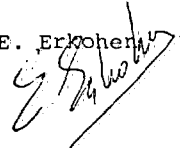
In order to replace WP 60, trials were carried out last year by Mr. P. Balliger (Ref. No. 1) with Tercig O 8,5ND 4321 on Marlboro for use in Eastern European countries. The results showed: ashes slightly dark.

For this reason, Tervakoski was requested to make a modified version of Tercig O 8,5ND 4321.

Cigarettes were made with this modified paper. The smoke results (TPM, DPM and tar) were within the tolerances. The ash aspect was better. The cigarettes were sent to Lausanne for taste evaluation.

### 3. Filter paper

Six bobbins of ultra-porous plug wrap (Ultrapor<sup>M</sup>) were received from Ecusta. Porosities range from 1.800 to 10.000 according to Coresta. These bobbins have been sent to the Quality Control for physical testing.

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#### Reference:

1. Monthly report on Material Development of October and November 1979 by P. Balliger.